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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 248/217W0	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 01/ 14213	International filing date (day/month/year) 01/05/2001	(Earliest) Priority Date (day/month/year) 05/05/2000
Applicant SAFETY SYRINGES, INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No. 7C 9A

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☒ because this figure better characterizes the invention.

☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 01/ 14213

Box III TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)

A passive needle guard (110) includes a body (120) having proximal and distal ends (122,124) and a cavity (126) therein for receiving a medicine cartridge, and a shield (160) slidable on the body between retracted and extended positions for exposing and covering, respectively, a needle (95) extending from the body, the shield (160) being biased towards the extended position. Deflectable latch members (174) extend from the shield (160) that include catches (176) for engaging catches (148) on the body (120) for holding the shield (160) in the retracted position. A syringe (90) is inserted into the needle guard (110), and a needle of the syringe inserted into a patient. A plunger (98) of the syringe (90) is depressed to inject medication and to deflect the latch members (174) to disengage the catches (148) and release the shield (160), whereupon the shield automatically advances to the extended position. In the extended position, cooperating detents (171) on the shield (160) and body (120) engage one another, thereby preventing subsequent retraction of the shield (160).

IN INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/14213

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61M5/50 A61M5/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 99 17823 A (SAFETY SYRINGES INC) 15 April 1999 (1999-04-15) the whole document	1-11, 14-31, 33-36
Y	EP 0 680 767 A (RIGHI NARDINO ;ROSSI ROBERTO (IT)) 8 November 1995 (1995-11-08) column 8, line 2 - line 58 figures	1-11, 14-31, 33-36
A		12,13,32
A	US 5 562 626 A (SANPIETRO JOSEPH A) 8 October 1996 (1996-10-08) abstract; figures	1,17,21, 26,32
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

8 November 2001

Date of mailing of the international search report

14/11/2001

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 01/14213

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 93 00949 A (IVALDA SPA ;PENTAFERTE SRL (IT); ROMAGNOLI PAOLO (IT)) 21 January 1993 (1993-01-21) abstract; figures ---	1,17,21, 26,32
A	WO 98 35714 A (RIGHI NARDINO ;RESTELLI SERGIO (IT)) 20 August 1998 (1998-08-20) page 15, line 1 - line 27 figures -----	1,13,17, 21,26

II INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 01/14213

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9917823	A	15-04-1999	US 6159184 A EP 1019123 A1 WO 9917823 A1	12-12-2000 19-07-2000 15-04-1999
EP 0680767	A	08-11-1995	CA 2123278 A1 US 5562624 A EP 0680767 A1	11-11-1995 08-10-1996 08-11-1995
US 5562626	A	08-10-1996	NONE	
WO 9300949	A	21-01-1993	IT 1253104 B AU 2193892 A WO 9300949 A1	10-07-1995 11-02-1993 21-01-1993
WO 9835714	A	20-08-1998	IT SV970007 A1 IT SV970008 A1 AU 6719198 A WO 9835714 A1 EP 1017436 A1	12-08-1998 12-08-1998 08-09-1998 20-08-1998 12-07-2000